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› [Crompton IHL 251 1500W Immersion Water Heater User Manual](#)

Crompton ACGIH-IHL251

Crompton IHL 251 1500W Immersion Water Heater User Manual

Model: ACGIH-IHL251 | Brand: Crompton

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the Crompton IHL 251 Immersion Water Heater. This manual provides essential information for the safe and efficient use of your appliance. Please read all instructions carefully before operation and retain this manual for future reference.

Important Safety Warnings:

- Always ensure the immersion heater is fully submerged in water between the MINIMUM and MAXIMUM water level marks before connecting to power.
- Do not touch the water or the heating element while the heater is plugged in and operating.
- Keep out of reach of children and pets.
- Do not use with damaged cords or plugs.
- Disconnect from power supply before removing the heater from water or performing any maintenance.
- Use only in non-metallic containers.
- Ensure the electrical outlet is properly grounded and matches the heater's voltage requirements.

2. PRODUCT OVERVIEW

The Crompton IHL 251 is a 1500W immersion water heater designed for quick and efficient water heating. It features a durable copper heating element and an IP68 protection rating, ensuring safety and longevity.

Key Features:

- **1500W Power:** Provides ultra-fast heating.
- **IP68 Protection:** Certified water-resistant design for enhanced safety, even if accidentally submerged.
- **Copper Heating Element:** Strong and efficient for consistent performance.
- **Shock and Rust Resistant:** Durable ABS handle and nickel plating protect the heating element for extended product life.

- **Lightweight and Portable:** Easy to carry and handle.
- **Bucket Clip:** Ensures secure placement and safe immersion to the correct water level.
- **Anti-corrosive Material:** Designed for long-term durability.

Product Components:

- Heating Element (Copper)
- High-Quality ABS Handle
- Power Cord with Plug
- Bucket Clip
- Water Level Markings (MINIMUM/MAXIMUM)

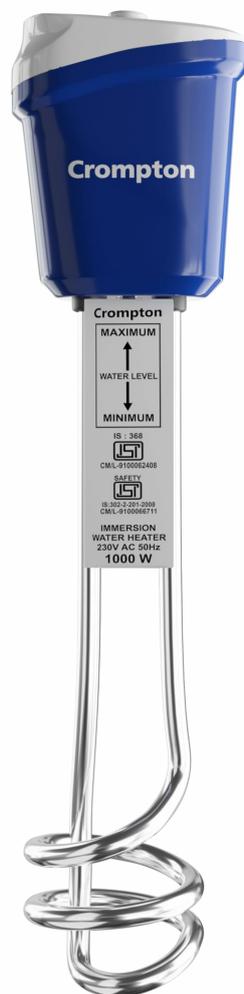


Figure 2.1: Crompton IHL 251 Immersion Water Heater showcasing its water-resistant design.



Figure 2.2: The immersion heater displaying its water level indicators (MINIMUM and MAXIMUM) and highlighting its shock-proof construction.



Figure 2.3: The immersion heater emphasizing its IP68 certification for water resistance and its long-lasting design.

3. SETUP

Follow these steps to set up your immersion water heater safely:

1. **Choose a Suitable Container:** Select a non-metallic bucket or container that is stable and can safely hold the desired volume of water.
2. **Fill with Water:** Fill the container with water. Ensure the water level is between the MINIMUM and MAXIMUM marks indicated on the immersion heater rod. Never operate the heater with insufficient water.
3. **Secure the Heater:** Use the integrated bucket clip to securely attach the immersion heater to the rim of the container. This prevents the heater from touching the bottom or sides of the container and ensures proper immersion.
4. **Inspect Power Cord:** Before plugging in, check the power cord and plug for any signs of damage. Do not use if damaged.
5. **Connect to Power:** Once the heater is properly submerged and secured, plug the power cord into a suitable, grounded 240V electrical outlet.

4. OPERATING INSTRUCTIONS

Operating your Crompton IHL 251 immersion heater is straightforward:

1. **Initiate Heating:** After completing the setup steps (Section 3), plug the heater into the electrical outlet. The heater will begin to warm the water immediately.
2. **Monitor Heating:** The heating time will vary depending on the volume of water and its initial temperature. Do not leave the heater unattended during operation.
3. **Disconnect Power:** Once the desired water temperature is reached, or if you need to remove the heater, **first unplug the power cord from the electrical outlet.**
4. **Remove Heater:** Carefully remove the immersion heater from the water using its handle. Be cautious as the heating element will be hot.
5. **Allow to Cool:** Place the hot heater on a heat-resistant surface and allow it to cool completely before handling or storing.

Note: *Never touch the heating element or the water while the heater is connected to power. Always disconnect power before touching the heater or water.*

5. MAINTENANCE

Proper maintenance ensures the longevity and efficient performance of your immersion heater:

- **Cleaning:** After each use and once the heater has cooled, wipe the heating element with a soft, damp cloth to remove any mineral deposits or residue. Do not use abrasive cleaners or harsh chemicals.
- **Descaling:** In areas with hard water, mineral deposits (limescale) may build up on the heating element. To descale, you can gently wipe the cooled element with a cloth dampened with a mild descaling solution (e.g., vinegar solution), then rinse thoroughly with clean water. Ensure no liquid enters the handle or electrical components.
- **Storage:** Store the cooled and dry immersion heater in a safe, dry place, away from direct sunlight and moisture. Keep the power cord neatly coiled.
- **Regular Inspection:** Periodically inspect the power cord, plug, and heating element for any signs of wear, damage, or corrosion. If any damage is observed, discontinue use and contact customer support.

6. TROUBLESHOOTING

If you encounter issues with your Crompton IHL 251, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|-------------------------------|---|--|
| Heater does not turn on. | No power to the outlet, faulty plug/cord, heater not properly submerged. | Check power outlet with another appliance. Inspect plug and cord for damage. Ensure water level is between MIN/MAX marks. |
| Water heats slowly. | Excessive water volume, mineral deposits on heating element, low voltage. | Reduce water volume. Clean heating element of limescale (see Maintenance). Ensure stable 240V power supply. |
| Heater trips circuit breaker. | Overload on circuit, short circuit in heater, faulty wiring. | Unplug other appliances from the circuit. Discontinue use if problem persists and contact a qualified electrician or customer support. |

| Problem | Possible Cause | Solution |
|-------------------------|---|---|
| Unusual smell or smoke. | Overheating, foreign material on element, internal fault. | Immediately unplug the heater. Do not use again. Contact customer support. |

If the problem persists after attempting these solutions, please contact Crompton customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Crompton IHL 251 Immersion Water Heater:

| Specification | Detail |
|---------------------------------|---|
| Brand | Crompton |
| Model Number | ACGIH-IHL251 |
| Power / Wattage | 1500 Watts |
| Voltage | 240 Volts |
| Material | Aluminum (body), Copper (heating element) |
| Product Dimensions | 40 x 39 x 42 cm |
| Item Weight | 500 grams |
| Color | Blue |
| Protection Rating | IP68 |
| Manufacturer | Crompton Greaves Consumer Electricals Limited |
| Global Trade Item Number (GTIN) | 08902653268092 |

8. WARRANTY AND SUPPORT

For warranty information, terms, and conditions, please refer to the documentation provided with your purchase or visit the official Crompton website. If you require technical assistance, have questions about your product, or need to report a fault, please contact Crompton customer support directly.

Please have your model number (ACGIH-IHL251) and purchase details ready when contacting support.